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t) as **affine coordinates** ..... rationally ruled surface over a (hyper)**elliptic curve** E with a rational curve. E of double points, the canonical image of E ..... from which z may be eliminated to obtain a **quartic equation** for y. The case ..... of the **Jacobi** matrix of the system of equations (R) together with the  $\pi$  ...

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Let V be the divisor cut out from  $P^3$  by the **quartic equation** (6.13)  $4^4 4^4$  ..... A way to check that the construction of the **Jacobi** variety does not .... We want to show that every smooth **elliptic curve** can be realized in this ... Thus C may be described as a locus in  $P^2$  whose equation in **affine coordinates** is (8.9) ...

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INTRODUCTION TO ALGEBRAIC TOPOLOGY AND ALGEBRAIC GEOMETRY

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by the **quartic equation** ..... A way to check that the construction of the **Jacobi** variety does not depend on the choices we have made is to restate it invariantly. .... We want to show that every smooth **elliptic curve** can be .... (we use the same **affine coordinates** as in the previous representation). Since ...

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Topics in Classical Algebraic Geometry. Part I

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ant of an **elliptic curve** E and the isogeneous **elliptic curve**  $E/t$  ..... In **affine coordinates**, it is given by.  $T : (x, y) \mapsto (x \dots$  The Abel-**Jacobi** Theorem asserts that p is zero on principal divisors (Abel's ..... After getting rid of squares, we obtain the **quartic equation** of C ...

[www.math.lsa.umich.edu/~idolga/topics1.pdf](http://www.math.lsa.umich.edu/~idolga/topics1.pdf) - [Similar pages](#)

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1. arXiv:math.AG/0006189 v1 26 Jun 2000

t) as **affine coordinates** on C ..... ruled surface over a (hyper)**elliptic curve** E with a rational curve E of double points, the canonical image of E, ...  
[www.citebase.org/fulltext?format=application%2Fpdf&identifier=oai%3AarXiv.org%3Amath%2F0006189](http://www.citebase.org/fulltext?format=application%2Fpdf&identifier=oai%3AarXiv.org%3Amath%2F0006189) - [Similar pages](#)

2. [PDF]

Elliptic Curves

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The **Elliptic Curve** Group Law on the Intersection of Two Quadrics in Projective Three Space . .... **Jacobi** q-Parametrization: Application to Real Curves . ...  
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3. Jordan's totient function

... of a vector-valued function **Jacobi** matrix Jacobian planetmath.org 847 1858  
 ... 24 msc:11G07 msc:11G05 msc:14H52 **elliptic curve**  $\mathfrak{p}$ -function  
 ...  
[br.endernet.org/~akrowne/planetmath/soc/nnexus/svn/trunk/pmout.xml](http://br.endernet.org/~akrowne/planetmath/soc/nnexus/svn/trunk/pmout.xml) - [Similar pages](#)

4. [APPLICATION] Method for universal calculation applied to points of an elliptic ... - Google Patents Result

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A method according to claim 1, wherein the **elliptic curve** is denned by a **quartic equation** of the type:  $V^2=b. U^4+a. U^3W+UW^3$ , (U:V:W) being Jacobi projective  
 ...  
[www.google.com/patents?id=k6GaAAAAEBAJ](http://www.google.com/patents?id=k6GaAAAAEBAJ)

5. [APPLICATION] Method for universal calculation applied to points of an elliptic ... - Google Patents Result

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... the concern is with the **elliptic curve** models defined by a **quartic equation** ...  
 [0060] The general form of a quartic, in **affine coordinates**, is given by ...  
[www.google.com/patents?id=k6GaAAAAEBAJ](http://www.google.com/patents?id=k6GaAAAAEBAJ)

6. Husemoller D. Elliptic curves (2ed., Springer, GMT111, 2004)(T)(510s)

Let E be an **elliptic curve** over a field k. For each field extension K of k the ...  
 Away from the origin in the **elliptic curve**, we set  $w = 1$  and consider the ...  
[booklists.narod.ru/M\\_Mathematics/.../Husemoller\\_D.\\_Elliptic\\_curves\\_\\_2ed.\\_\\_Springer\\_\\_GMT111\\_\\_2004\\_\\_T\\_\\_510s\\_\\_MAg\\_\\_3.htm](http://booklists.narod.ru/M_Mathematics/.../Husemoller_D._Elliptic_curves__2ed.__Springer__GMT111__2004__T__510s__MAg__3.htm) - [Similar pages](#)

7. Husemoller D. Elliptic curves (2ed., Springer, GMT111, 2004)(T)(510s)

Finally, if  $\varphi$  is an **elliptic curve** defined over k, then  $E(k')$  is a G-group with  $E(k')G = E(k)$ . This can be seen directly with **affine coordinates** or from the ...  
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